

Interactive comment on ““Changes” of the thermal continentality in Central Europe between the years 1951 and 2013: case study – Slovak Republic” by J. Vilček et al.

J. Vilček et al.

vido@tuzvo.sk

Received and published: 26 November 2015

Reply to General comments of Referee#2:

Thanks to referee for time spent on our article. Based on general comments from the referee we see and agree that we need to make substantial changes on the paper. What we see as a major problem is that the principle aim – to explain the little change in thermal continentality in recent as well as in future – is not clear enough (because of our mistakes). As the referee commented there is misleading between the title, introductory section and conclusions – discussion. This will be substantially improved in revised manuscript. Let us now reply on the particular comments:

C877

Comment No 1.: "Title is not suitable" Reply: Our aim was to provoke reader to think about the problem since biogeography use thermal continentality as a main parameter causing plant distribution. However we understand the comment and we will think how to improve the title.

Comment No 2.: "Abstract is not clear enough" Reply: This problem will be solved with new manuscript, i.e. improvement of the paper will bring implicitly improvements in abstract

Comment No 3.: "Introduction" Reply: As we mentioned in general reply above, we agree with the comment of the referee that the introduction looks like mixture between discussion part and is far from the topic. Thus substantial changes will be provided in revised manuscript.

Comment No 4.: "Data and methods" Reply: In order to improve the article, other thermal continentality indices will be used. Also explanation why we choose specific stations will be provided. According to this also the part of geographical explanation of the studied area will be provided. This was also comment from the referee No4. So we see this is really necessary. Due to the problem of discrepancy between methodological explanation of the IC and information provided in tables we will rewrite the tables.

Comment No 5.: "Results and discussion" Reply: Thank you, we will do that.

Comment No 6.: "Conclusions" Reply: This problem is connected with general reply and particularly with reply on comments No. 3. Will be rewritten in revised manuscript.

Comment No 7.: "References need to be more actual" Reply: This will be solved with improvement of introduction, methodology and results and discussion part.

Thank you

Interactive comment on Earth Syst. Dynam. Discuss., 6, 1261, 2015.

C878